Claims

WHAT IS CLAIMED IS:

1. An isolated polynucleotide comprising a regulatory region containing a nucleotide sequence less than about 1000 nucleotides long selected from the group consisting of:

(a) SEQ ID NO: 16, a fragment of SEQ ID NO: 16, the complement of SEQ ID NO: 16, or a fragment of the complement of SEQ ID NO: 16;

(b) a polynucleotide that hybridizes to the polynucleotide of (a) under conditions of high stringency; and

(c) a polynucleotide with at least 80% sequence homology to the polynucleotide of (a).

2. An isolated polynucleotide comprising a regulatory region containing a nucleotide sequence less than about 1000 nucleotides long selected from the group consisting of:

(a) SEQ ID NO: 17, a fragment of SEQ ID NO: 17, the complement of SEQ ID NO: 17, or a fragment of the complement of SEQ ID NO: 17;

(b) a polynucleotide that hybridizes to the polynucleotide of (a) under conditions of high stringency; and

(c) a polynucleotide with at least 80% sequence homology to the polynucleotide of (a).

3. An isolated polynucleotide comprising a regulatory region containing a nucleotide sequence less than about 1000 nucleotides long selected from the group consisting of:

(a) SEQ ID NO: 18, a fragment of SEQ ID NO: 18, the complement of SEQ ID NO: 18, or a fragment of the complement of SEQ ID NO: 18;

(b) a polynucleotide that hybridizes to the polynucleotide of (a) under conditions of high stringency; and

(c) a polynucleotide with at least 80% sequence homology to the polynucleotide of (a).

4. An isolated polynucleotide comprising a regulatory region containing a nucleotide sequence less than about 1000 nucleotides long selected from the group consisting of:

(a) SEQ ID NO: 19, a fragment of SEQ ID NO: 19, the complement of SEQ ID NO: 19, or a fragment of the complement of SEQ ID NO: 19;

(b) a polynucleotide that hybridizes to the polynucleotide of (a) under conditions of high stringency; and

(c) a polynucleotide with at least 80% sequence homology to the polynucleotide of (a).

5. An isolated polynucleotide comprising a regulatory region containing a nucleotide sequence less than about 1000 nucleotides long selected from the group consisting of:

(a) SEQ ID NO: 20, a fragment of SEQ ID NO: 20, the complement of SEQ ID NO: 20, or a fragment of the complement of SEQ ID NO: 20;

(b) a polynucleotide that hybridizes to the polynucleotide of (a) under conditions of high stringency; and

(c) a polynucleotide with at least 80% sequence homology to the polynucleotide of (a).

6. An isolated polynucleotide comprising a regulatory region containing a nucleotide sequence less than about 1000 nucleotides long selected from the group consisting of:

(a) SEQ ID NO: 21, a fragment of SEQ ID NO: 21, the complement of SEQ ID NO: 21, or a fragment of the complement of SEQ ID NO: 21;

(b) a polynucleotide that hybridizes to the polynucleotide of (a) under conditions of high stringency; and

(c) a polynucleotide with at least 80% sequence homology to the polynucleotide of (a).

7. A recombinant vector comprising the isolated polynucleotide of any of claims 1-6 operably linked to a heterologous coding region.

8. An expression cassette comprising operably linked in 5' to 3' order the isolated polynucleotide of any of

claims 1-6, a heterologous coding region, and a termination sequence.

9. A host cell comprising the vector of claim 7.

10. The host cell of claim 9 wherein the host cell is a yeast cell.

11. The yeast cell of claim 10 wherein the yeast cell is a methylotrophic yeast cell.

12. The methylotrophic yeast cell of claim 11 wherein the yeast cell is selected from the group of genera consisting of *Hansenula*, *Candida*, *Torulopsis*, and *Pichia*.

13. The yeast cell of claim 12 wherein the yeast cell is from *Pichia pastoris*.

14. A host cell comprising the expression cassette of claim 8.

15. The host cell of claim 14 wherein the host cell is a yeast cell.

16. The host cell of claim 15 wherein the yeast cell is a methylotrophic yeast cell.

17. The host cell of claim 16 wherein the methylotrophic yeast cell is selected from the group of genera consisting of *Hansenula*, *Candida*, *Torulopsis* and *Pichia*.

18. The host cell of claim 17 wherein the yeast cell is from *Pichia pastoris*.

19. The host cell of claim 9 wherein the host cell expresses a protein encoded by the vector.

20. The host cell of claim 14 wherein the host cell expresses a protein encoded by the expression cassette.

21. A method for the production of a protein comprising growing the host cells of claim 19 under conditions where the host cells express the protein encoded by the vector and isolating the expressed protein.

22. A method for the production of a protein comprising growing the host cells of claim 20 under conditions where the host cells express the protein encoded by the vector and isolating the expressed protein.